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RAW SEQUENCE LISTING
PATENT APPLICATION: US/08/923,138

DATE: 05/29/2003
TIME: 14:45:01

Input Set : A:\Cell48fw.app
Output Set: N:\CRF4\05292003\H923138.raw

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 3 <110> APPLICANT: KUCHERLAPATI, RAJU
 4       JAKOBOVITS, AYA
 5       KLAPHOLZ, SUE
 6       BRENNER, DANIEL G.
 7       CAPON, DANIEL J.
 9 <120> TITLE OF INVENTION: HUMAN ANTIBODIES DERIVED FROM IMMUNIZED XENOMICE
11 <130> FILE REFERENCE: CELL 4.8 FWC CPA
13 <140> CURRENT APPLICATION NUMBER: 08/923,138
14 <141> CURRENT FILING DATE: 1997-09-16
16 <150> PRIOR APPLICATION NUMBER: 08/430,938
17 <151> PRIOR FILING DATE: 1995-04-27
19 <150> PRIOR APPLICATION NUMBER: 08/234,145
20 <151> PRIOR FILING DATE: 1994-04-28
22 <150> PRIOR APPLICATION NUMBER: 08/112,848
23 <151> PRIOR FILING DATE: 1993-08-27
25 <150> PRIOR APPLICATION NUMBER: 08/031,801
26 <151> PRIOR FILING DATE: 1993-03-15
28 <150> PRIOR APPLICATION NUMBER: 07/919,297
29 <151> PRIOR FILING DATE: 1992-07-24
31 <150> PRIOR APPLICATION NUMBER: 07/610,515
32 <151> PRIOR FILING DATE: 1990-11-08
34 <150> PRIOR APPLICATION NUMBER: 07/466,008
35 <151> PRIOR FILING DATE: 1990-01-12
37 <160> NUMBER OF SEQ ID NOS: 22
39 <170> SOFTWARE: PatentIn Ver. 2.1
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42 <211> LENGTH: 24
43 <212> TYPE: DNA
44 <213> ORGANISM: Artificial Sequence
46 <220> FEATURE:
47 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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55 <212> TYPE: DNA
56 <213> ORGANISM: Artificial Sequence
58 <220> FEATURE:
59 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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C-->

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144 ggtccaagtg gtataatgat tatgcagagt ctgtgaaaag tcgcattacc atcaacccag 180
145 acacatccaa gaaccagttc tccctgcagc tcaactctgt gactcccgag gacacggctg 240
146 tttattactg tacaagagat atagcggcag ctggtaccct ctttgactac tggggccagg 300
147 gaaccctggt caccgtctcc tcagcccaaa cgacacccccc atctgtctat ccactggccc 360
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154 <213> ORGANISM: Homo sapiens
156 <400> SEQUENCE: 9
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162 <212> TYPE: DNA
163 <213> ORGANISM: Homo sapiens
165 <400> SEQUENCE: 10
166 gggtatagca gcagctggta c                            21
169 <210> SEQ ID NO: 11
170 <211> LENGTH: 189
171 <212> TYPE: DNA
172 <213> ORGANISM: Homo sapiens
174 <400> SEQUENCE: 11
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176 gcatctaccc gggaatccgg ggtccctgac cgattcagtg gcagcgggtc tgggacagat 120
177 ttcactctca ccatcagcag cctgcaggct gaagatgtgg cagtttatta ctgtcagcaa 180
178 tattatagt                                  189
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182 <211> LENGTH: 351
183 <212> TYPE: DNA
184 <213> ORGANISM: Homo sapiens
186 <400> SEQUENCE: 12
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189 ttcactctca ccatcagcag cctgcaggct gaagatgtgg cactttatta ctgtcaccaa 180
190 tattatagtc ttccgctcac tttcggcgga gggaccaagg tggagatcaa acgaactgtg 240
191 gctgcaccat ctgtcttcat cttcccgcca tctgatgagc agttgaaatc tggatactgc 300
192 ctctgttgtg tgcctgctga ataacttcta tcccagagag gccaaagtac a      351
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196 <211> LENGTH: 38
197 <212> TYPE: DNA
198 <213> ORGANISM: Homo sapiens
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 68 <213> ORGANISM: Artificial Sequence
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 71 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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103 <221> NAME/KEY: modified_base
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105 <223> OTHER INFORMATION: Inosine
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126 <213> ORGANISM: Homo sapiens
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130 ggaactggat caggcagtcc ccatcgagag gccttgagtg gctgggaagg acatactaca 120
131 ggtccaagtg gtataatgat tatgcagtat ctgtgaaaag tcgaataacc atcaacccag 180
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133 tgtattactg tgcaagaga                                      259
136 <210> SEQ ID NO: 8
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207 <213> ORGANISM: Homo sapiens
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211 atcaactgca agtccagcca gagtgtttta tacagctcca acaataagaa ctacttagct 120
212 tggtaccagc agaaaccagg acagcctcct aagctgctca tttactgggc atctacccgg 180
213 gaatccgggg tccctgaccg attcagtggc agcgggtctg ggacagattt cactctcacc 240
214 atcagcagcc tgcaggctga agatgtggca gtttattact gtcagcaata ttatagtact 300
215 cc                                                                302
218 <210> SEQ ID NO: 15
219 <211> LENGTH: 442
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221 <213> ORGANISM: Homo sapiens
223 <400> SEQUENCE: 15
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225 gcttggtacc agcagaaacc aggacagcct cctaaactac tcatttactg ggcatctacc 120
226 cgggaatccg gggtccctga ccgattcagt ggcagcgggt ctgggacaga tttcactctc 180
227 accatccgca gcctgcaggc tgaagatgtg gcagtttatt actgtcagca atattatact 240
228 attccattca atttcggccc tgggaccaga gtggatatca aacgaactgt ggctgcacca 300
229 tctgtcttca tcttcccgcc atctgatgag cagttgaaat ctggaactgc ctctgttgtg 360
230 tgcctgctga ataacttcta tcccagagag gccaaagtac agtggaaggt ggataacgcc 420
231 ctccaatcgg gttggggaaa aa                                           442
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235 <211> LENGTH: 38
236 <212> TYPE: DNA
237 <213> ORGANISM: Homo sapiens
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244 <211> LENGTH: 149
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250 gaactgcctc tgttgtgtgc ctgctgaata acttctatcc cagagaggcc aaagtacagt 120
251 ggaaggtgga taacgccctc caatcgggt                                    149
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255 <211> LENGTH: 259
256 <212> TYPE: DNA
257 <213> ORGANISM: Homo sapiens
259 <400> SEQUENCE: 18
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261 ggaactggat caggcagtcc ccatcgagag gccttgagtg gctgggaagg acatactaca 120
262 ggtccaagtg gtataatgat tatgcagtat ctgtgaaaag tcgaataacc atcaacccag 180
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264 tgtattactg tgcaagaga                                               259
267 <210> SEQ ID NO: 19
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Input Set : **A:\Cell48fw.app**
Output Set: **N:\CRF4\05292003\H923138.raw**

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270 <213> ORGANISM: Homo sapiens
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274 ggaactggat caggcagtcc ccatcgagag gccttgagtg gctgggaagg acatactaca 120
275 ggtccaagtg gtataatgat tatgcagttt ctgtgaaaag tcgaataacc atcaacccag 180
276 acacatccaa gaaccagttc tccctgcagc tgaactctgt gactcccgag gacacggctg 240
277 tgtattactg tgcaagagat atagcagtgg ctggcgtcct ctttgactgc tggggccagg 300
278 gaaccctggt caccgtctcc tcagggagtg catccgcccc aacccttttc cccctcgtct 360
279 cctgtgagaa ttccccgtcg gatacgagca gcgtggccgt                        400
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285 <213> ORGANISM: Homo sapiens
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293 <212> TYPE: DNA
294 <213> ORGANISM: Homo sapiens
296 <400> SEQUENCE: 21
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300 <210> SEQ ID NO: 22
301 <211> LENGTH: 77
302 <212> TYPE: DNA
303 <213> ORGANISM: Homo sapiens
305 <400> SEQUENCE: 22
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307 acgagcagcg tggccgt                                                 77
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 05/29/2003
PATENT APPLICATION: US/08/923,138   TIME: 14:45:02

Input Set : A:\Cell48fw.app
Output Set: N:\CRF4\05292003\H923138.raw

<u>Please Note:</u>
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; N Pos. 21
Seq#:5; N Pos. 24

Input Set : A:\Cell48fw.app
Output Set: N:\CRF4\05292003\H923138.raw

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:91 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0